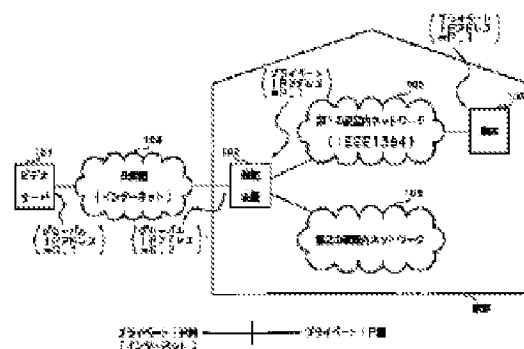


## EQUIPMENT AND METHOD FOR COMMUNICATION

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**- international:** *H04L12/28; H04L12/40; H04L12/28; H04L12/40;* (IPC1-7): H04L12/40; H04L12/28  
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### Abstract of **JP10308759**

**PROBLEM TO BE SOLVED:** To execute IP multicast while effectively utilizing communication resources by transmitting a 2nd message concerning the identifier of broadcasting type channel on an established network to 2nd communication equipment based on a 1st message containing the securing request of band received from the 2nd communication equipment. **SOLUTION:** A terminal 103 connected to a 1st domestic network 105 transmits the 1st message containing the identifier of network layer multicast data flow(NMD) and the securing request of band. A video server 101, which receives this message through a connector 102 and a public network 104, establishes the broadcasting type channel on the network 105 based on the 1st message. The video server 101 transmits the 2nd message containing the correspondent relation between the respective identifiers of this broadcasting type channel and the NMD to the terminal 103. Thus, the correspondent relation between the secured channel and the IP multicast can be recognized synchronously on the sides of transmission and reception.



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